

What is claimed is:

1           1. A dual hinged box wrench, comprising:

2                 a first socket element having a plurality of teeth  
3                 disposed between a first distal end and a second distal  
4                 end; and

5                 a second socket element having a plurality of teeth  
6                 disposed between a third distal end and a fourth distal  
7                 end, said first distal end of said first socket element  
8                 engaging with said third distal end of said second socket  
9                 element to form a first hinge, and said second distal end  
10                of said first socket element engaging with said fourth  
11                distal end of said second socket element to form a second  
12                hinge, whereby a socket cavity is formed thereby.

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1           2. The dual hinged box wrench in accordance with claim  
2           1, wherein said first socket element comprises a portion of a  
3           handle.

1           3. The dual hinged box wrench in accordance with claim  
2           2, wherein said handle comprises a substantially square hole  
3           for receiving a ratchet.

1           4. A dual hinged, expandable and contractable box  
2 wrench, comprising:

3           a first socket element having a plurality of teeth  
4 disposed between a first distal end and a second distal  
5 end; and

6           a second socket element having a plurality of teeth  
7 disposed between a third distal end and a fourth distal  
8 end, said first distal end of said first socket element  
9 engaging with said third distal end of said second socket  
10 element to form a first hinge, and said second distal end  
11 of said first socket element engaging with said fourth  
12 distal end of said second socket element to form a second  
13 hinge, whereby a socket cavity is formed thereby, and  
14 further wherein said first distal end comprises an

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15 elongated arm that is slidably movable past said third  
16 distal end, whereby said socket cavity can be expanded  
17 and contracted to fit different nut and bolt sizes.

1           5. The dual hinged box wrench in accordance with claim  
2 4, wherein said first socket element comprises a portion of a  
3 handle.

1           6. The dual hinged box wrench in accordance with claim  
2       5, wherein said handle comprises a substantially square hole  
3       for receiving a ratchet.